Notebook, N-11-11-04

			50 ·9	½	H	100	½	H	150	½	H
RA 1164 – 48 green – 4 f then again dump 48 green 4 fl then Tamp 159 f – making 96 green to 1 Tamp – 144 D 7,270 [illegible]	2827	1277	1427	1443	497	1460	1463	487	1463	1493	527
	2828	1273	1430	1447	553	1457	1483	493	1367	1487	527
	2829	1267	1413	1430	553	1470	1497	483	1417	1467	530
		1272	1423			1462			1416		
RA 1164 – 159 – 24 green then 4 f then again 24 green 4 fl & then Tamp 48 to Tamp – 286 D 6.5459 7.700 –	2830	1267	1403	1423	443	1467	1493	460	1453	1487	530
	2831	1260	1400	1410	393	1467	1500	407	1420	1447	473
	2832	1287	1413	1433	373	1487	1507	430	1463	1490	680
		1271	1405			1474			1445		
159 f polished by Tamping separated by JA 2 Dump grain 48 & 4 fl then Tamp – 1164 green 3.9 – 47 – 156 D 7 520	2833	1243	1417	1433	370	1423	1443	410	1260	1360	523
	2834	1273	1410	1427	320	1440	1473	407	1327	1447	470
	2835	1267	1400	1410	397	1440	1470	403	1287	1400	470
		1261	1409			1434			1291		
Dup 2833 Except Cubes polished inwards by afred ECC with sand paper	2836	1273	1403	1410	480	1440	1470	403	1290	1427	513
	2837	1277	1400	1407	447	1443	1477	403	1310	1417	520
	2838	1267	1383	1400	347	1430	1467	403	1327	1400	517
		1272	1391			1439			1309		
21 fl RA 1253 Expt (1164) 8 240	2839	1177	1273	1287	423						
	2840	1153	1227	1237	343						
21 flake 854 270 D 7520 4.4 23.9	2841	1207	1313	1333	513						
	2842	1210	1347	1367	587						
RA-1062 Reg 7.300	2843	1100	1257	1267	580						
	2844	1083	1250	1267	567						

	200	½	ft	250	½	1+	300			350.			400		
2827	1413	1517	503	1293	1470	697	1057	1350	637						
2828	1363	1487	500	1200	1430	660	977	1267	593						
2829	1383	1453	473	1133	1483	647	1000	1233	583						
2830	1413	1483	490	1400	1490	680	1340	1450	640	1333	1577	977	1177	1530	797
2831	1403	1460	507	1367	1467	610	1323	1440	693.	1380	1543	973	1200	1487	760
2832	1433	1483	507	1347	1480	647	1273	1450	717	1223	1587	770	1147	1483	693
2633	1180	1257	433												
2834	1227	1300	390												
2835	1227	1350	380												
2836	1180	1297	443												
2837	1273	1360	447												
2838	1253	1317	437												

Other book
10/15

3)4114
1371

3)3936
1312

3)3936
1312

3)3524
1170

				.9	1/2	14				
Ra 1064 Req	7320	2845 2846	1160 1153	~~1317~~ ~~1317~~	~~1333~~ ~~1333.~~	~~467~~ ~~383~~	✓			
Ra 1065 Req	7340	2847 2848	1173 1173	~~1320~~ ~~1333~~	~~1333~~ ~~1350~~	~~357~~ ~~293~~	✓			
Ra 1066 · Req	7.600.	2849 2850	1177 1210	~~1333~~ ~~1320~~	~~1353~~ ~~1340~~	~~483~~ ~~500~~	✓			
Ra 1067 Req	7620	2851 2852	1213 1210	~~1273~~ ~~1263~~	~~1290~~ ~~1283~~	~~467~~ ~~427~~	✓			
Ra 1068 Req	7,375	2853 2854	1190 1183	~~1287~~ ~~1267~~	~~1303~~ ~~1283~~	~~343~~ ~~377~~	✓			
Ra 1069 Req	7,560.	2855 2856	1177 1223	~~1297~~ ~~1300~~	~~1317~~ ~~1330~~	~~483~~ ~~530~~	✓			
Ra 1070 Req	7545	2857 2858	1217 1203	~~1320~~ ~~1297~~	~~1330~~ ~~1317~~	~~527~~ ~~450~~	✓			
Lot 22 f 854 4.5 271 D	7593	2859 2860	1203 1180	~~1333~~ ~~1343~~	~~1353~~ ~~1357~~	~~417~~ ~~380~~	✓	~~1353~~ ~~1343~~	~~1363~~ ~~1360~~	~~663.~~ ~~700~~

Xol 22fC 1164		2861	1197	1287	1293	280						
303 D	8.350	2862	1117	1183	1207	273						
Ra 1071 Req		2863	1220	1283	1290	417						
	7 590	2864	1230	1297	1320	457						
Ra 1072 Req		2865	1220	1283	1297	433						
	7 480	2866	1207	1267	1280	430						
Ra 1073 Req		2867	1223	1340	1353	440						
	7 560	2868	1247	1330	1340	460						
Goldsleein 170	297 D	2869	1253	1390	1410	383	1440	1460	707	1463	1503	533
159 f.	8.185	2870	1247	1360	1373	813	1403	1423	630	1427	1460	533
quite some black - 18% fines	6965 green			1375		348	1421			1445		
Goldsleein 171		2871	1227	1353	1367	300	1377	1407	637	1400	1437	537 r
318 D	6970 green 8.200	2872	1253	1377	1387	~~307~~	1393	1413	577	1420	1453	553
some black				1365		313	1380			1410		
Goldsleein 218	6975 green	2873	1243	1360	1377	310	1377	1407	517	1407	1453	540
303 D	8 230	2874	1220	1333	1353	270	1373	1380	443	1343	1383	480
15% fines				1346		290	1375			1375		
Goldsleein 223		2875	1253	1420	1417	273	1430	1450	500	1455	1487	443
	6581 green 7 743	2876	1223	1323	1340	277	1340	1370	497	1343	1387	487
				1361		275	1385			1399		

2869
2870

2871
2872

2873
2874

2875
2876

Gold slam 220 325 D gritty greenish [illegible]	8 520	2877 2878	1217 1240	1303 1347 1325	1317 1367	320 363 341	1333 1380 1356	1360 1410	527 540	1333 1380 1356	1383 1433	457 550
Gold slam 225 296 D Little black kernels	8,080	2879 2880	1253 1237	1403 1363 1383	1417 1373	347 330 338	1440 1383 1411	1463 1407	570 537	1450 1410 1430	1490 1440	567 507
Gold slam 226 330 D - Hard black quite some black	8,689 -	2881 2882	1203 1217	1330 1353 1341	1350 1370	327 280 300	1380 1390 1385	1413 1417	530 563	1393 1420 1406	1450 1457	537 510
Gold slam 227 328 D quite some black -	8,450.	2883 2884	1233 1223	1363 1350 1356	1377 1367	297 283 290	1400 1383 1391	1427 1410	547 580	1433 1427 1430	1470 1460	513 520
Finish of 159 flake Hereafter f 1123 - 4 loading [illegible] flat -												
Gold slam 229 1123 nickel flake flat - G 20 stock 4.2 - 24 - 312 D	7,900.	2885 2886	1217 1227	1280 1313	1293 1330	287 297						
1123f Gold slam 230 330 D - some black	8,460.	2887 2888	1168 1177	1273 1283	1290 1297	267 270				2)593 296		
1123f Gold slam 272 D	7,500 6,375 green	2889 2890	1250 1230	1350 1333 1342	1363 1350	300 293	1377 1377 1377	1387 1387	633 750	1383 1390 1386	1413 1427	517 517

2877
2878

2879
2880

2881
2882

2883
2884

2889
2890

50 1/2 ft

9

Goldslan 236 300 D π quite some black	8,140.	2891 2892	1093 1097	1267 1250	1280 1267	390 403	0			
Goldslan 237 291 D – some black	8,000.	2893 2894	1100 1093	1267 1267	1277 1277	417 413	0			
Goldslan 242 296 D	8 240	2895 2896	1113 1113	1213 1230	1237 1243	340 323	0			
Goldslan 250 301 D some black	8,200.	2897 2898	1120 1177	1200 1297	1227 1313	367 450	0			
Goldslan 251 306 D some black –	8585	2899 2900	1193 1173	1290 1286 1288	1317 1317	437 553	1347 1360 1353	1370 1383	520 527	
Goldslan 252 313 – 1123 fl –	8 682.	2901 2902	1083 1153	1183 1240 1211	1196 1260	413 417	1257 1290 1273	1300 1310	533 560	
Goldslan 253 some black kernels 297 D	8.220.	2903 2904	1197 1213	1293 1293 1293	1310 1317	343 330	1287 1307 1297	1313 1323	380 350	OVZ
Goldslan 165 1123 f – 310 D some black pieces	8.717.	2905 2906	1177 1167	1263 1253 1258	1277 1267	340 330	1310 1290 1300	1327 1317	337 340	
Goldslan 232 350 D some black –	8.542.	2907 2908	1170 1143	1253 1233	1277 1247	337 333	1287 1263 1277	1310 1283	370 357	

2899				
2900				
2901				
2902				
2903				
2904				
2905				
2906				
2907	1293	1347	600	Q
2908	1300	1313	597	

9

RA 1075 - Reg 1123 f		7.650 -	2909	1190	~~1277~~	~~1300~~	~~400~~						
			2910	1193	~~1290~~	~~1313~~	~~423~~						
RA 1076 Reg 4.2 - 1123	280 D	7.720	2911	1173	~~1290~~	~~1310~~	~~447~~						
			2912	1163 ·9	~~1290~~	~~1317~~	~~423~~						
RA 1164 1123 f 4.2 48 green Dump 48 green then 4 f & lamps 3 ½ lb cot	163 D	7 413	2913	1240	~~1397~~	~~1407~~	~~600~~	~~1473~~	~~1490~~	~~677~~			
			2914	1223	~~1377~~	~~1387~~	~~493~~	~~1403~~	~~1420~~	~~553~~			
			2915	1243 1235	~~1390~~ 1388	~~1403~~	~~457~~	~~1390~~	~~1413~~	~~447~~			
Dup 2913 3 lb cot.	156 D	7.513	2916	1223	~~1300~~	~~1307~~	~~413~~	~~13[illegible]3~~	~~1330~~	~~337~~			
			2917	1193	~~1373~~	~~1380~~	~~370~~	~~1363~~	~~1383~~	~~320~~			
			2918	1190 1202	~~1327~~ 1333	~~1337~~	~~367~~	~~1347~~	~~1357~~	~~397~~			
Dup 2913 2 ½ lb cot.	154 D	7429	2919	1200	~~1330~~	~~1337~~	~~370~~	~~1350~~	~~1363~~	~~447~~			
			2920	1237	~~1377~~	~~1387~~	~~397~~	~~1413~~	~~1427~~	~~577~~			
			2921	1217 1218	~~1363~~ 1357	~~1373~~	~~350~~	~~1370~~	~~1383~~	~~487~~			
Dup 2913 2 lb cot.	150 D	7078	2922	1173	1317	1323	347	1353	1367	533	1397	1417	567
			2923	1183	1310	1320	350	1323	1347	467	1387	1417	570
			2924	1180 1179	1297 1308	1307	343	1307 1328	1323	403	1367	1397	537

2922	1303	1343	637
2923	1300	1340	637
2924	1288	1333	600

2) 280
140

		·9
Ra 1164 – 1123f Dump 40 green clean it. for tamp. f 42	2925 2926 2927 2928 2929 2930	 c
Lot 159 f tamped outs tube separated then tamped again + separated – highly polished 48 green 1164 – 4f 161 D 7645	2931 2932 2933	1250 1260 1260 1256
Dup 2931 Except tubes also polished with sand paper by Fred Ell, just enough to crack Ni plating on tube 162 D 7700	2934 2935 2936	1267 1250 1243 1253
Goldstein 170 – 1123f 4.2f 47.3 202 D 7796	2937 2938 2939	1240 1230

Dump green clean fl. clean tamp
Some black kernels

·9					
1327	1340	343	1267	1283	407
1343	1363	300	1357	1387	423
1223	1233	310	1320	1353	393
1307	1323	230	1320	1353	450
1297	1313	303	1330	1357	443
1323	1340	340	1357	1387	
1303					
1413	1440	407	1357	1413	467
1413	1427	373	1347	1407	437
1423	1440	373	1307	1390	337
1447	1460	420	1377	1447	477
1423	1437	420	1363	1417	480
1403	1420	383	1313	1373	450
1377	1383	380	1400	1417	510
1350	1363	353	1370	1390	483
1363					

·9 9

Goldstein 171 Dump green then fl then tamp 1123f 4.2 48.2 green 197 D Some black kernels 7.706	2939 2940	1223 1240	~~1350~~ ~~1323~~	~~1363~~ ~~1380~~	~~333~~ ~~400~~	~~1360~~ ~~1393~~	~~1377~~ ~~1400~~	~~460~~ ~~440~~
Goldstein 1123f No 218 fl 4.2 green 47.7 Dump no then fl-tamp 196 D 7702 Some black kernels	2941 2942	1227 1227	~~1363~~ ~~1383~~	~~1373~~ ~~1397~~	~~380~~ ~~403~~	~~1397~~ ~~1417~~	~~1413~~ ~~1433~~	~~473~~ ~~500~~
Goldstein 235 – 4.2 481 green 147 D 7.276 Dump g then fl tamp blunch –	2943 2944	1007 1017	~~1273~~ ~~1267~~	~~1290~~ ~~1283~~	~~497~~ ~~493~~			
Goldstein 236 – Dump g then fl tamp 155 D 7.376 quite some black	2945 2946	990 990	~~1307~~ ~~1287~~	~~1320~~ ~~1297~~	~~517~~ ~~500~~	~~1327~~ ~~1267~~	~~1363~~ ~~1300~~	~~610~~ ~~560~~
Goldstein 237 4.2 48. 151 D Dump g then fl tamp some black 7232	2947 2948	913 923	~~1210~~ ~~1200~~	~~1230~~ ~~1223~~	~~503~~ ~~497~~			
RA 1077 Req 1123f 7578	2949 2950	1163 1157	~~1333~~ ~~1307~~	~~1347~~ ~~1320~~	~~503~~ ~~470~~			

·9V

Ra 1078 Reg	284	7 575	2951	1163	1300	1317	450
			2952	1163	1287	1297	400
Ra 1079 Reg	262	7.490	2953	1150	1303	1320	460
			2954	1137	1280	1293	500
Ra 1080 Reg	269	7 575	2955	1133	1267	1283	543
			2956	1133	1267	1283	507
Ra 1081 Reg		7.500	2957	1143	1267	1283	533
			2958	1143	1267	1283	567
Ra 1082 Reg	272	7.600	2959	1150	1293	1307	477
			2960	1173	1283	1293	437
Ra 1083 Reg		7 440	2961	1103	1253	1267	530
			2962	1083	1253	1267	547
Ra 1084 Reg		7 470	2963	1120	1310	1330	630
			2964	1137	1277	1290	610
Ra 1085 Reg		7 420	2965	1087	1163	1187	590
			2966	1083	1163	1187	583

Ra 1086 Req		2967	1100	1217	1230	563
1123 f	7 500	2968	1120	1217	1230	550
Ra 1087 Req		2969	1127	1230	1243	493
	7.400	2970	1133	1217	1233	540
Ra 1088 Req		2971	1123	1223	1237	467
	7 350	2972	1103	1213	1233	433
Ra 1089 - Req		2973	1127	1237	1247	467
	7.420	2974	1127	1210	1223	430
Ra 1090 Req		2975	1173	1233	1250	443
	7.470	2976	1123	1233	1243	457
Ra 1091 Req		2977	1147	1227	1237	427
	7.560	2978	1123	1197	1207	407
Ra 1092 Req		2979	1073	1150	1157	420
	7.600	2980	1177	1250	1267	500
Lat 23 f 854 - 5.3 f 24.		2981	1200	1257	1267	440
		2982	1183	1247	1260	363
	7.685					

New Lot tubes after this group

·9

Lot 23 f Ra 1164 [illegible] green Chem fl lamp 5.3 f 48.1 —	7.660 -	2983 2984	1230 1233	~~1227~~ ~~1297~~	~~1290~~ ~~1317~~	~~320~~ ~~307~~	~~1340~~ ~~1350~~	~~1370~~ ~~1367~~	~~393~~ ~~398~~
[illegible] 220 [illegible] — 4.1 48.1 1123 flake 173 D	7.900	2985 2986	1243 1248	~~1297~~ ~~1330~~	~~1310~~ ~~1340~~	~~250~~ ~~213~~	~~1337~~ ~~1403~~	~~1357~~ ~~1430~~	~~423~~ ~~583~~
[illegible] 225 — 1123 flake 4.1 f 48 — 150 D	7.185 —	2987 2988	1200 1203	~~1253~~ ~~1247~~	~~1263~~ ~~1253~~	~~213~~ ~~217~~	~~1317~~ ~~1310~~	~~1333~~ ~~1340~~	~~523~~ ~~640~~
[illegible] 226 1123 flake 4.1 47.6	7.770	2989 2990	1223 1217	~~1327~~ ~~1323~~	~~1337~~ ~~1337~~	~~270~~ ~~307~~	~~1367~~ ~~1357~~	~~1387~~ ~~1380~~	~~617~~ ~~547~~
[illegible] 227 1123 f — 4.1 47.2 169 D	7.590.	2991 2992	1247 1210	~~1360~~ ~~1330~~	~~1373~~ ~~1353~~	~~327~~ ~~323~~	~~1370~~ ~~1347~~	~~1397~~ ~~1357~~	~~450~~ ~~353~~
[illegible] 230 — 1123 f 4.1 47. 166 D	7.500.	2993 2994	1193 1180	~~1330~~ ~~1323~~	~~1350~~ ~~1340~~	~~270~~ ~~230~~	~~1347~~ ~~1317~~	~~1370~~ ~~1347~~	~~323~~ ~~270~~
[illegible] 242 1123 f — 4.1 48.7 168 D	7.565 —	2995 2996	1157 1150	~~1317~~ ~~1297~~	~~1333~~ ~~1307~~	~~387~~ ~~360~~	~~1353~~ ~~1333~~	~~1380~~ ~~1370~~	~~433~~ ~~462~~
[illegible] 250 — 1123 f 4.1 47.7 - 161 D	7500	2997 2998	1193 1187	~~1317~~ ~~1310~~	~~1327~~ ~~1327~~	~~350~~ ~~273~~	~~1353~~ ~~800~~	~~1377~~ ~~1483~~	~~467~~ ~~397~~

Goldstein 251	2999	1193	1343	1357	380	1377	1407	493
1127 f 4.1 48- 169 D 7.630-	3000	1163	1307	1317	380	1350	1390	537
Goldstein 239	3001	1200	1317	1333	403	1370	1400	617
1123 f 4.1- 47.2 170 D 7.875-	3002	1217	1337	1357	390	1380	1417	650
Goldstein 241-	3003	1157	1233	1250	370	1267	1293	577
1127 f 4.1 47.2 168 D 7.736	3004	1160	1267	1293	437	1283	1327	627
Goldstein 249	3005	1103	1260	1277	447	1300	1320	637
1121 f 4.1 47.6 167 D 7.835-	3006	1160	1343	1363	530	1377	1410	673
Goldstein 252.	3007	1200	1370	1393	517	1387	1423	623
1123 f 4.1 48- 176 D 7 857	3008	1200	1333	1357	483	1367	1407	633
Goldstein 254-	3009	1167	1317	1343	490	1333	1367	627
1127 f 4.1 47- 165 D 7565-	3010	1180	1327	1343	443	1360	1377	627
Goldstein 256-	3011	1200	1263	1283	313	1283	1320	437
1123 f 4.1 47.8 173 D 7.825-	3012	1250	1377	1393	367	1443	1463	543
Goldstein 258	3013	1147	1123	1733	407	1183	1193	413
1123 f 4.1 48- 175 D 8,000	3014	1147	1307	1327	430	1363	1413	533

7 360 yellow

Gold clean 260	3015	1197	~~1347~~	~~1367~~	~~467~~	~~1407~~	~~1443~~	~~460~~			
1123 f 4.1 48.1 170 D S 157 D ! 7350	3016	1173	~~1333~~	~~1357~~	~~457~~	~~1380~~	~~1420~~	~~470~~			
Gold clean 261 —	3017	1197	~~1310~~	~~1333~~	~~487~~	~~1313~~	~~1360~~	~~440~~			
1123 f 4.1 47.2 171 D 7 553	3018	1200	~~1347~~	~~1367~~	~~503~~	~~1350~~	~~1390~~	~~440~~			
Gold clean 262	3019	1210	~~1357~~	~~1370~~	~~500~~	~~1363~~	~~1423~~	~~467~~			
1123 f 4.1 47 — 172 D 7.400	3020	1197	~~1330~~	~~1353~~	~~423~~	~~1333~~	~~1383~~	~~443~~			
Gold clean 263	3021	1190	~~1347~~	~~1363~~	~~377~~	~~1347~~	~~1393~~	~~400~~			
1123 f 4.1 47 — 175 D 7 610	3022	1163	~~1310~~	~~1333~~	~~377~~	~~1327~~	~~1363~~	~~383~~			
Gold & Cam 264	3023	1150	~~1320~~	~~1347~~	~~373~~	~~1330~~	~~1367~~	~~387~~			
1123 f 4.1 47.4 — 169 D 7.785.	3024	1157	~~1310~~	~~1317~~	~~410~~	~~1333~~	~~1383~~	~~410~~			
Ra 1164 —	3025	1173	1380	1397	380	1460	1487	470	1267	1333	763
1123 f — 4.1 48 — 7.560.	3026	1187	1350	1363	397	1398	1430	420	1167	1260	780
2 grams Bismuth Metal fastened to tube			1365	1380	389	1446	1458	445			
D[illegible] green clean of lamp	3027	1187	1357	1367	563	1407	1443	417			
Dup Except 1 gram Bi	3028	1183	1333	1350	587	1377	1400	417			
			1345	1380	595	1392	1421	417			
Dup of above Except	3029	1180	1310	1313	573	1317	1343	390			
1/2 gram Bismuth	3030	1200	1367	1383	597	1403	1440	390			
			1337	1348	585	1360	1391	390			

								350		
Ra 734 containing 16.8% Bi 1123 f ÷ 4.1 48.	7.455	3031 3032	1183 1160	1377 ~~1340~~ 1359	1380 1350	927 790	1387 1463	1553 1500	1653 1647	1013 997
Ra 1094 – Req	7.550	3033 3034	1173 1173	1230 1220	1243 1233	380 417				
Ra 1095 Req	7.525	3035 3036	1153 1160	1193 1193	1203 1220	427 460				
Ra 1096 Req	7.607	3037 3038	1180 1163	1183 1193	1190 1200	460 480				
Ra 1097 Req	7.615	3039 3040	1190 1187	1200 1167	1220 1187	457 420				
Ra 1098 –		3041 3042	1207 1207	1213 1223	1223 1240	420 443				
Ra 1099 Req	7.700	3043 3044	1153 1133	1213 1163	1243 1187	443 420				
Ra 1100 Req	7.550	3045 3046	1180 1160	1210 1207	1230 1217	417 380				

2/28/14 5.0/25 2/28/14 50

RA 1101 Reg		3047	1147	1240	1260	457	✓					
	7530	3048	1163	1187	1223	417						
Goldslen 214 5.920 actual green 8.5% Bismuth		3049	1233	1360	1370	720	1387	1427	783			
257 D 41. 24.1	7570	3050	1243	1397	1417	763	1463	1503	887			
Soft Crumbly green -				1379	1393	741	1425-	1445	835			
Goldslen 273		3051	1093	1133	1147	340	✓					
4.1 23.7	7325-	3052	1117	1147	1160	337						
Goldslen 274		3053	1113	1197	1227	343	✓					
4.1 (f1123) 24	7863	3054	1100	1123	1137	317						
Goldslen 275		3055	1130	1167	1180	317	✓					
266 D	7.160	3056	1123	1167	1177	320						
Goldslen 276		3057	1160	1197	1227	313	✓					
278 D	7.325-	3058	1133	1177	1193	297						
Goldslen 277		3059	1033	1063	1073	197	✓			2/232/116 0		
	7.957	3060	1030	1057	1067	197						
RA 1164-		3061	1160	1263	1283	487	1290	1317	440	1320	1350	583
1123f- 4.1 24		3062	1167	1263	1287	460	1297	1333	517	1320	1357	543
Dump green then flake 4 times	7540	3063	1157	1273	1300	470	1303	1340	520	1320	1360	500
then lump- 280 Dumps-				1266			1297					

350 ½ H

3061	1277	1330	523	1313	1400	630
3062	1297	1363	523	1327	1420	643
3063	1280	1353	526	1260	1413	623

See if all below had 5 lbs cot

			50			100					
Ra1164 - 4.1 35.6 —	3064	1187	1363	1323	413	1357	1377	520	1380	1407	497
Dump green then fl 4 times then Tamp	3065	1163	1330	1350	497	1387	1410	573	1367	1430	503
200 D	3066	1153	1260	1267	447	1287	1310	513	1297	1327	517
7 133			1298			1344					
Ra1164 1123f	3067	1233	1367-	1380	497	1430	1450	573			
fl 4.1 48 green Dump/green then flake	3068	1213	1340	1360	527	1400	1420	523			
3 times then tamp 5 lb cot.			1287	1300	527	1343	1363	537			
154 D 7.398	3069	1130	1331			1391					
Ra 1164— What wt required	3070	1193	1333	1353	523	1393	1420	457	1397	1430	583
4.1 48 green			1323	1337	523	1357	1373	457	1347	1377	563
Dump green then f 3 times then Tamp	3071	1190	1313	1330	487	1353	1377	470	1333	1373	580
150 D-	3072	1190	1323			1368					
7.100.											
Dup of above	3073	1147	1320	1333	480	1367	1387	470	1377	1393	610
Dump g then f 4 times then Tamp	3074	1180	1333	1353	503	1380	1400	430	1390	1410	623
145 D-	3075	1143	1287	1300	500	1293	1310	403	1317	1340	610
6.960.			1313			1347					
Dup 3070-	3076	1043	1260	1267	510	1253	1283	447	1260	1287	653
Dump g then f 6 times 489 flake	3077	1093	1243	1253	440	1277	1293	507	1317	1330	663
then Tamp— 140 D 6 573	3078	1110	1247	1257	410	1297	1323	533	1323	1347	613
			1250			1276					
Ra 1164 -	3079	1223	1317	1327	367	1350	1363	443	1383	1413	593
4.1 48G Dump green then f	3080	1173	1273	1287	383	1310	1333	443	1353	1380	597
Twice then Tamp-	3081	1187	1277	1290	410	1303	1323	517	1343	1370	580
154 D 7 359			1289			1321					

3064	1303	1360	590	1267	1317	673
3065	1310	1367	617	1293	1353	713
3066	1227	1253	583	1257	1267	663

·9

Ra 1164 70 gram Lot B. f	3082	1260	~~1383~~	~~1400~~	~~520~~
4.3 60 green	3083	1257.	~~1393~~	~~1417~~	~~577~~
Dump green than 4 B. flake &	3084	1230	~~1293~~	~~1303~~	~~410~~
lamp 130 D 7.460					
Dup of above	3085	1207	~~1267~~	~~1277~~	~~447~~
Except Dump 90 green 4 B. f	3086	1210	~~1307~~	~~1317~~	~~467~~
& lamp 4.3 – 96. green	3087	1210	~~1300~~	~~1310~~	~~480~~
79 D – 7 150					
Goldslem 278	3088	1173	~~1263~~	~~1273~~	~~330~~
4.1 – 48 – green 185	3089	1163	~~1263~~	~~1273~~	~~327~~
Dump G then f then lamp 7560					
Lot 24 N f 158 D	3090	1150	~~1260~~	~~1270~~	~~367~~
1164 – 5.1 48 green	3091	1143	~~1263~~	~~1273~~	~~333~~
Dump G then f – lamp 7 537					
Lot 24 N fl	3092	1183	~~1223~~	~~1233~~	~~373~~
854 – 5.1 24 –	3093	1140	~~1253~~	~~1263~~	~~380~~
274 D 7.665					
Lot 1123 – Goldsl 283	3094	1057	~~1147~~	~~1157~~	~~303~~
4.1 23.7 301 D	3095	1023	~~1123~~	~~1133~~	~~303~~
7.707.					
1123 f B. f Lot 70 gram	3096	1213	~~1293~~	~~1303~~	~~340~~
use 1/2 Rag f 1/2 B. f – 160 D	3097	1210	~~1327~~	~~1337~~	~~407~~
4.9 48.1 · 1164 green	3098	1197	~~1320~~	~~1330~~	~~407~~
Dump G then f – then lamp 7635			~~1313~~		

Dup of 3096 -	48-		3099	1217
Except Ra 854			3100	1217
	138 D	6.785-	3101	1207
Goldstein 279	156 D		3102	1237
4.1 48G			3103	1220
Dump G [illegible]		7.450		
Goldstein 282			3104	1263
4.1 48G	149 D		3105	1260
1123 f		7.196 -		
RA 1093 Req			3106	1183
			3107	1183
		7.600		
Ra 1102 - Req -			3108	1157
			3109	1153
<		7670		
Ra 1103 Req			3110	1180
	268 D	7 600	3111	1180
Ra 1104 ~~Req~~ Expt			3112	1133
	285 D		3113	1147
Some 6 Crick Kamdi -		7.940-		
Ra 1105 ~~Req~~ 5 5 5 5 Expt-			3114	1120
	280 D	8.160-	3115	1140

1370Y	1380	547	1383	1410	647
1437	1447	610	1383	1440.	653
1370 1392	1380	587	1383	1417	743
1307	1317	327			
1300	1310	347			
1313	1323	333			
1320	1330	350			
1217	1227	373			
1230	1240	400			
1233	1243	403			
1227	1237	403			
1247	1257	440			
1227	1237	403			
1177	1187	330			
1197	1207	360			
1150	1160	323			
1170	1180	360			

Ra 1106 Reg	7.635	3116	1177	1263	1273	543
		3117	1160	1293	1303	603
Ra 1107 Reg	7.535.	3118	1173	1260	1270	507
		3119	1187	1255	1263	460
Ra 1108 Reg	7.560.	3120	1187	1253	1268	433
		3121	1173	1243	1253	393
Ra 1109 Reg	7.655	3122	1190	1210	1220	370
		3123	1197	1283	1293	463
Ra 1110 Reg	7.670.	3124	1053	1093*	1103	190
		3125	1223	1290	1300	463
Ra 1074 Reg ?	7.750.	3126	1183	1240	1250	397
		3127	1193	1227	1237	397
Ra 1111 Reg ?? 270D	7.816	3128	1160	1213	1223	450
		3129	1160	1227	1237	470
Ra 1112 Reg	7662	3130	1120	1227	1237	520
		3131	1187	1260	1270	530

Dupont
3365 OK
Davis was the trouble

*Walter will cut this open — Walter says looks as if plunger stuck
277D —
3125 had 285 + looked OK but Books says 279 recorded for both of them — that rascal Davis is cause —

Goldsln 287		3132			~~1257~~	~~1283~~	~~527~~
282D	7.635	3133			~~1213~~	~~1230~~	~~417~~
Goldsln 293		3134			~~1197~~	~~1210~~	~~457~~
	7725	3135			~~1183~~	~~1197~~	~~370~~
RA 1113. Reg		3136			~~1223~~	~~1237~~	~~457~~
	7.725	3137			~~1263~~	~~1277~~	~~457~~
RA 1114 Reg		3138			~~1230~~	~~1243~~	~~487~~
280D	7.635	3139			~~1243~~	~~1260~~	~~467~~
Goldsln 314		3140	1163		~~1153~~	~~1160~~	~~347~~
4.1 23.9 — 280D	7.900	3141	1170		~~1167~~	~~1173~~	~~347~~
Goldsln 316		3142	1093		~~1127~~	~~1137~~	~~297~~
4.1 24. 287D	7530	3143	1150		~~1180~~	~~1193~~	~~297~~
Goldsln 318		3144	1167		~~1123~~	~~1130~~	~~297~~
288D	7.364	3145	1170		~~1127~~	~~1137~~	~~333~~
Goldsln 323		3146	1073		~~1153~~	~~1167~~	~~297~~
294D		3147	1113		~~1170~~	~~1183~~	~~367~~
	7.390						

Ra 1115 Req		3148	1143	1237	1250	333			
	7.600	3149	1130	1213	1227	523			
Ra 1116 Req		3150	1150	1187	1197	490			
	7750	3151	1137	1180	1143	490			
Ra 1117 Req		3152	1140	1227	1240	463			
	7.640.	3153	1153	1243	1253	463			
Ra 1118 Req		3154	1207	1283	1293	457			
	7630.	3155	1200	1230	1243	347			
Lot 25 nif Ra 854.		3156	1253	1340	1357	463	1310	1350	430
5.3 flake 287 D	7.713.	3157	1197	1167	1177	340	1120	1150	413
Lot 25 f Ra 1164 -		3158	1260	1373	1387	330	1390	1407	413
5.3 47.9 150 D	7.700	3159	1253	1357	1373	327	1367	1393	403
Ra 1164 1123 f,		3160	1227	1327	1447	697	993	1047	881
4 - 47.9 1½ lb cot 142 D 21K 6 Loff	7.000	3161	1220	1300	1430	707	1077	1180	943
Dup 3160		3162	1213	1313	1407	607	1183	1377	777
21K 5 Loff 140 D	6920	3163	1213	1350	1417	660	1183	1320	790

				50	½	H			
Dup 3160 –		3164	1197	1373	1413	573	1260	1390	680
21K + 4 LiOH.	6935–	3165	1202	1373	1403	570	1267	1390	730
140 D									
Dup 3160.		3166	1173	1300	1320	463	1270	1320	433
21K 3 LiOH.		3167	1190	1313	1327	463	1283	1313	537
137 D	6850								
Dup 3160		3168	1097	1150	1157	267	1080	1117	270
21K 2 LiOH.		3169	1157	1273	1283	333	1263	1277	403
136 D	6845–								
Dup 3160		3170	1097	1133	1140	267	1143	1190	270
21K 1 Li	6840	3171	1140	1213	1223	297	1210	1260	307
RA 1164. 1123 f	– 7000	3172	1140	1250	1260	313	1230	1263	390
4 – 47.9 21K 2Li		3173	1197	1230	1240	343	1230	1250	390
Dumping thru f therm Temp	2 lb cot	3174	1180	1263	1273	337	1263	1270	347
Dup 3172		3175	1180	1260	1270	350	1263	1290	367
2½ lb cot 21K 2 Li.		3176	1217	1263	1273	307	1283	1297	347
	7.300	3177	1187	1270	1283	337	1263	1287	357
Dup 3172 –		3178	1207	1283	1293	310	1310	1320	307
3 lb cot. 148 D	7.500.	3179	1190	1233	1247	307	1210	1240	287
		3180	1203	1263	1277	307	1250	1273	287
9cC Distem 281 –		3181	1223	1320	1330	367			
48 + 4 – 151 D –	7.600.	3182	1217	1450	1467	450			

3192
2849
343

			19			
Goldsen 282 1123f 4 . 47.7	7,680.	3183 3184	1190 1203	1343 1370	1357 1388	297 257
Golden 266 4 48 . 160 D	7.980	3185 3186	1173 1193	1280 1287	1290 1297	240 243
Goldsen 284 4 + 48 143	7200	3187 3188	1137 1177	1290 1343	1300 1357	243 303
Goldsen 285 4 + 48. 145 D	7:100.	3189 3190	1193 1177	1343 1317	1357 1337	293 303
Goldsen 286 4 + 48 — 153 D	7 670	3191 3192	1160 1193	1367 1387	1387 1397	363 353
854 1123f 4.1 23.8 Chg + dis once in 33% KOH then change sol to 21 K 2 Li run twice + put on hot 266 D	7415	3193 3194	1130 1160	1193 1240	1200 1253	347 403
Dup 3193 but chg + dis twice in 33% + Change to 21 K 2 Li 262 D		3195 3196	1130 1077	1290 1233	1300 1240	423 340
Dup 3193 Except run once 33% K 2 Li then Change sol to 21 K 2 Li run twice + put on hot		3197 3198	1210 1123	1200 1193	1220 1200	333 287

Dup 3193 Except chg'd in twice on 33% KOH 2 Li. then Change to 21K 2 Li run twice as per last test	3199	1243		1183	1193	327	✓
	3200	1210		1180	1190	340	
Goldsln 288 all dup gone thru if then temp'	3201	1230		1340	1357	250	✓
4. 47.9 145D 7312	3202	1203		1280	1293	2[illegible]7	
Goldslem 292	3203	1233		1310	1327	337	✓
1123f 4 – 47.8 142D 7 340	3204	1233		1327	1347	320	
Goldsten 289	3205	1273		1417	1430	360	✓
4 ÷ 48 134D 7.300.	3206	1257		1407	1420	367	
Goldsln 290	3207	1237		1363	1377	413	✓
4 48- 150D 7 590	3208	1260		1387	1400	413	
Goldsln 291	3209	1277		1367	1380	313	✓
4 47.8 143D 7040	3210	1267		1333	1350	280	
Lot 26 Nif 1164-	3211	1247		1353	1363	277	✓
4.3 47.9 Dump 9 thru f-Temp. 150D 7 760	3212	1267		1363	1373	280	
Lot 26 Nif 854-	3213	1163		1210	1230	270	✓
4.6 23.8 264D 7,500.	3214	1200		1293	1310	317	

2/23/63

Goldsln 294 1123f 4.1 48 147D	7.490.	3215 3216	1250 1240	1367 1313	1380 1323	377 343
Goldsln 295 S 4.1 47.7 153D	7806.5	3217 3218	1163 1213	1267 1313	1283 1327	277 280
Goldsln 296 4.1 47.7 153D	7577	3219 3220	1280 1303	1350 1383	1360 1393	267 287
RA 1119 Reg 1123f. 270	7350	3221 3222	1183 1210	1230 1243	1240 1253	280 270
RA 1120 Reg 272	7.360.	3223 3224	1233 1223	1383 1333	1400 1353	417 357
RA 1121 Reg 277	7460	3225 3226	1187 1217	1197 1233	1207 1233	280 270
RA 1122 Reg 272	7.373.	3227 3228	1127 1180	1217 1243	1227 1253	263 267
RA 1123 Reg 274	7.360.	3229 3230	1143 1180	1220 1240	1237 1250	373 363

Ra 1124 Reg 274		3231	1177	~~1230~~	~~1240~~	~~360~~
	7.400	3232	1193	~~1233~~	~~1243~~	~~383~~
Ra 1125 - Reg 272		3233	1213	~~1317~~	~~1330~~	~~490~~
	7450	3234	1193	~~1270~~	~~1283~~	~~463~~
Ra 1126 Reg 279		3235	1200	~~1257~~	~~1267~~	~~460~~
	7450	3236	1187	~~1260~~	~~1267~~	~~480~~
Ra 1127 Reg 275		3237	1223	~~1303~~	~~1317~~	~~493~~
	7500	3238	1190	~~1243~~	~~1253~~	~~440~~
Re 1164 - 1120f = 4 - 479 — Chg + dis once in 33% K change sol to 21K 2Li run twice + put on hot		3239	1213	~~1333~~	~~1360~~	~~437~~
	7570	3240	1217	~~1360~~	~~1370~~	~~447~~
Dup 3239 Chg + dis only Twice in 33% R then change to 21K 2Li run twice + put on hot		3241	1060	~~1373~~	~~1383~~	~~433~~
	7,580	3242	1057	~~1270~~	~~1280~~	~~350~~
Dup 3239 - Chg + dis once in 33% KOH 2 LiOH, then change sol to 21K 2Li run twice + put on hot		3243	1240	~~1307~~	~~1317~~	~~347~~
	7625	3244	1260	~~1337~~	~~1350~~	~~333~~
Dup 3239. Chg dis Twice 33% K 2Li — then change Sol To 21K 2Li run twice.		3245	1230	~~1323~~	~~1333~~	~~333~~
		3246	1245	~~1307~~	~~1323~~	~~307~~

Dup 3239 Chg dia once 33%K 2 Li 4 KCy — Change Sal To 21K 2 Li run twice 9 ϕ let on last —	3247 3248	1130 1123	1273 1250	1280 1257	267 263			
Dup 3239 Chg Dia Twice 33K 2 Li 4 KCy & change sal To 21K 2 Li —	3249 3250	1243 1300 4.15 1020 1000	1157 1227	1167 1233	240 277			
Lot 27 n.f 1164 4.3 48 Dump 9 then f-T 147D 7575	3251 3252	1193 1213	1330 1348	1347 1360	267 243			
Dup 3257 – 854 5.1 23.9 253D 7350	3253 3254	1153 1157	1287 1273	1300 1283	333 340	1323 1283	1347 1310	477 543
RA 1128 Reg Some flock kernels 7310	3255 3256	1160 1160	1257 1307	1263 1323	323 397			
RA 1129 Expmt — Hemog 302D 4.24 8170	3257 3258	1047 1040	1153 1067	1170 1090	270 237			
RA 1132 Reg 4f 24 260D 7220	3259 3260	1157 1183	1247 1297	1263 1313	300 347			
Goldilocks 297 4 f 48 — Dump 9 1f1T 150D 7.485	3261 3262	1280 1283	1383 1383	1393 1397	270 247			

			19				
Goldslein 303 1123f 4 – 48 153 D	7 210.	3263 3264	1257 1233	1333 1350	1347 1367	283 210	
Goldslein 298 4f – 48 – Dump q Ele	7 265	3265 3266	1210 1240	1330 1323	1347 1338	367 320	
Goldslean 300 4f 47 — Dump green [illegible] 143 D	7,000.	3267 3268	1240 1247	1327 1340	1333 1360	373 497	
Goldsln 301 1123 f 4f 48.5 155 D	7740	3269 3270	1077 1117	1327 1267	1333 1273	657 537	
Goldsln 302 4 f 48 — 154 D	7 573	3271 3272	1180 1193	1300 1363	1310 1317	373 320	
Goldsln 299 4 f 48.2 142 D	7.0 75	3273 3274	1207 1197	1257 1260	1267 1267	290 813	
Goldsln 304 139 D	7 110	3275 3276	1240 1243	1297 1310	1303 1317	287 287	
Goldsln 305 4f 48 — 132 D.	7,300.	3277 3278	1250 1266	1317 1333	1338 1343	350 387	

2/25/94
12.47

4f 48 - Golden 306 149D	7.585.	3279 3280	1250 1260	1313 1320	1323 1330	343 343
Golden 310 4f 49 100D	7 640	3281 3282	1167 1123	1273 1267	1287 1273	450 450
Lot 28 Mi f - 1164 green f 4.3 47.8 This lot furnishes the RA 1164 -	7.460.	3283 3284	1233 1223	1363 1333	1373 1350	463 447
New Dup of 1164 4f 24 green 8.170 - as loading wt OK				127		
Dup of 3283 - 854 green 4.7 23.9	7.527.	3285 3286	1183 1183	+2 1273 1257	1287 1267	500 460
Ra 1133 Req 1123 f -	7432	3287 3288	1187 1183	1267 1300	1277 1310	460 533
Ra 1134 Req	7.400.	3289 3290	1187 1117	1267 1220	1283 1230	487 443
Ra 1135 Req	7.460	3291 3292	1183 1183	1290 1267	1300 1273	443 400

Ra 1136 Req 273D	7,380.	3293 3294	1247 1187	~~1260~~ ~~1247~~	~~1267~~ ~~1280~~	~~393~~ ~~490~~	✓
Ra 1137 Req 268 D	7,350	3295 3296	1197 1197	~~1290~~ ~~1253~~	~~1300~~ ~~1263~~	~~490~~ ~~393~~	✓
Ra 1138 Req 267 D	7 530	3297 3298	1217 1173	~~1293~~ ~~1240~~	~~1303~~ ~~1250~~	~~433~~ ~~390~~	✓
Ra 1139-Req 266D	7,370	3299 3300	1173 1207	~~1233~~ ~~1233~~	~~1243~~ ~~1240~~	~~353~~ ~~347~~	✓
Ra 1140 Req 266 D	7,378.	3301 3302	1220 1187	~~1263~~ ~~1253~~	~~1267~~ ~~1267~~	~~397~~ ~~463~~	✓
Ra 1141 267D ✓	7345	3303 3304	1223 1260	~~1290~~ ~~1240~~	~~1300~~ ~~1247~~	~~440~~ ~~363~~	✓
Lot 29 flake – 4.7 48.2 (1164 Dup) 147D	7 420	3305 3306	1247 1207	~~1316~~ ~~1293~~	~~1320~~ ~~1303~~	~~393~~ ~~423~~	✓
Dup of above Except 854 & 5. 24.2. 253D	7 508	3307 3308	1187 1260	~~1260~~ ~~1350~~	~~1267~~ ~~1363~~	~~467~~ ~~467~~	✓

Ra (1164) 1129 Experiment. Dup green then f Temp -	3309	1260	1360	1370	427						
4 — 48- These tubes were dipped in film dope dried + then worked Regular 7.430 -	3310	1283	1373	1380	430						
Goldstein 312	3311	1300	1400	1410	430						
4- 48.3 Accmp q then f Temp 143 D 7.535.	3312	1290	1400	1407	390						
Goldstein 311 -	3313	1230	1267	1280	270						
4 48.4 - 139 D 7.190.	3314	1263	1347	1360	307						
Goldstein 321.	3315	1263	1347	1360	320						
4 — 48 139 D 7.005	3316	1247	1340	1350	253	200	✓	5 1			
1129-(1164) 4 - 48.1	3317	1240	1290	1323	250	1290	1350	593			
1123 f 2 grams Anhydrous Magnesium Oxide in each cell	3318	1250	1330	1350	307	1253	1347	503			
7 280	3319	1227	1317	1327	307	1263	1323	457	250	1/2	14
16.8% Bi green 734 - 1123 f	3320	1273	1603	1607	913	1603	1623	773	1707	1750	997
4.1 47.8 147 D 7469 -	3321	1270	1630	1633	920	1600	1660	857	1660	1700	1057
Deep green then f temp	3322	1280	1613	1617	920	1600 150	1623	840	1650	1667	1073
Dup of 2939 Goldstein 171	3323	1180	1317	1323	330	1333	1367	463	1293	1347	610
4.1 48.3 140 D 7100	3324	1193	1330	1343	403	1303	1340	427	1293	1350	640
2939 wt 7706 + 197 D - Bad Error -									200		
Ra 1129 - (1164) mixed with 15% K_2CO_3 thru 30 on 190	3325	883	1180	1190	403				1077	1200	613
1123 f 4.1 48.4 134 D 7,000.	3326	867	1177	1187	433				1017	1157	680

Highest Known Cell

Dup but 25% K_2CO_3 —	3327	1550	793	807	447	200 867	993	587			
4.1 48— 138D	3328	1543	787	800	537	900	997	637			
dump & then of lumps— 6828											
1129-(1164). 21K2L1 + 2 grms Magnesium hydroxide	3329	1243	1317	1333	437	200 1340	1437	603			
4. 48 Each cell—	3330	1250	1330	1360	437	1157	1400	600			
145D 7.327	3331	1250	1333	1360	420	1290	1350	650			
1129 (1164) mixed with 15% anhydrous	3332	1327	1617	1623	937	150 1567	1583	937	200 1700	1750	1057
Bismuth Oxide from 30 or 190 mesh BISMUTH	3333	1330	1583	1590	937	1567	1587	880	1700	1750	1057
1123f-4 4.815 152D 6258 [illegible] 7950			1600								
1129- 4. 4.813 2 grms Bi metal Connected	3334	1247	1353	1367	453	150 1373	1400	660	1310	1377	647
to the iron pockets of Each cell -	3335	1257	1360	1373	457	1387	1410	640	1310	1360	640
146D- BISMUTH 7.380 -	3336	1243	1347 1353	1357	450	1393	1433	590	1353	1383	650
Ra 1131 M. Expmt	3337	1163	1230	1240	400	1277	1363	570	1273	1313	497
1123f 4.2 237 299D 8225	3338	1153	1257	1267	393	1330	1353	643	1303	1333	587
RA 1142 Reg	3339	1170	1280								
274D 7450	3340	1160	1240								
Ra 1143 Reg	3341	1200	1310								
279D 7513	3342	1180	1310								
Ra 1144 Reg	3343	1213	1300								
274D 7,475	3344	1157	1297								

3332	1613	1650	1073	See 15
3333	1620	1647	1050	
3334	1267	1360	920	
3335	1260	1393	923	See 14
3336	1277	1400	650	

Ra 1145 Reg		3345	1233	1323	1333	360
276 D	7 590	3346	1223	1310	1320	337
Ra 1146 Reg		3347	1190	1327	1333	387
257 D –	7 350	3348	1197	1307	1317	340
Ra 1147 Reg - 274 D	7 493	3349	1180	1323	1333	410
"	7 458	3350	1180	1297	1307	387
Ra 1148 Reg 274 D	7 400	3351	1177	1287	1297	387
"	7 505	3352	1190	1293	1307	390
Ra 1149 Reg 273 D	7 343	3353	1177	1317	1320	417
	7 405	3354	1170	1317	1320	440
Ra 1150 Reg 257	7 520	3355	1120	1250	1267	413
		3356	1140	1290	1297	443
Ra 1130 Expt 293 D	8 260	3357	1107	1193	1200	343
		3358	1193	1193	1200	337
Ra 1151 Reg		3359	1183	1260	1273	343
273 D		3360	1173	1290	1300	360
Ra 1152 266 D	7 375	3361	1173	1300	1310	370
		3362	1193	1310	1320	370
Ra 1153 265 D	7 235	3363	1167	1290	1300	443
		3364	1153	1293	1300	457

Dup 3124-5 too much variation [illegible] 4.2 23.7 OK trous Davis 7475 bad loading	3365	1213	~~1293~~	~~303~~	~~547~~
	3366	1227	~~1367~~	~~1310~~	~~533~~
RA 1129 (1164) 1123f 4 - 48.1 21K 2 Li 250 mlg Dinitro benzol Dump green then fo 7.450	3367	1287	~~800~~	~~1500~~	~~430~~
	3368	1273	~~997~~	~~1497~~	~~430~~
Dup 3367 Except 500 mlg Dinitrobenzol 7500	3369	1260	~~997~~	~~1413~~	~~427~~
	3370	1293	~~993~~	~~1597~~	~~460~~
Dup 3367 Except 750 mlg Dinitrobenzol 7480	3371	1273	~~997~~	~~1453~~	~~413~~
	3372	1270	~~600~~	~~1420~~	~~413~~
Goldstein 327 · 7.722 1123f. 4. 47.8 154 D 7695 Dump q then f–	3373	1260	~~1370~~	~~1387~~	~~463~~
	3374	1213	~~1303~~	~~1317~~	~~390~~
Goldstein 325 7662 4f 47.8 154 D 7687	3375	1193	~~1313~~	~~1327~~	~~403~~
	3376	1223	~~1323~~	~~1340~~	~~403~~
Goldstein 329. 7865 4 - 47.5 - 155 D 7792	3377	1230	~~1320~~	~~1330~~	~~407~~
	3378	1240	~~1357~~	~~1370~~	~~393~~
Goldstein 332 7610 4 + 48 153 D 7707	3379	1217	~~1300~~	~~1320~~	~~393~~
	3380	1283	~~1383~~	~~1397~~	~~397~~

[ITEM FOUND IN BOOK]

They Sell Axle outfit 300 amp 16 c 32 V $900 —
9.6 KWH - Wt Dynamo & Battery about 3700 lbs

They Sell Strait batty Lighting 32 c 300 amp $600 to 650
18 KWH Weight 5472 lbs

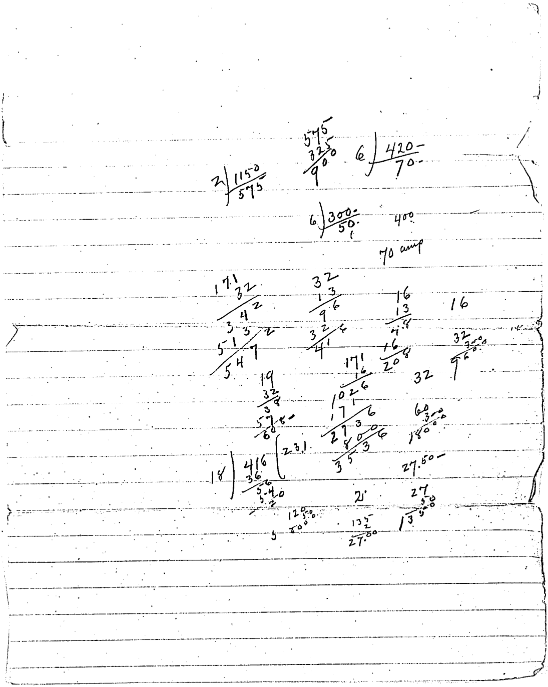
Our price Straight Lighting 50 A8 $1350
weight 1300 lbs —

If Car runs 350 miles day - with straight Lighting with our battery there is 227 ton miles at 1/2 cent 1.13 day
$352 year
Lead battery 957 ton miles - 1/2 c 4 78/100 or $1491 56/100 year of 312 days - It would appear from this the RR Could buy our battery & haul it one year, then throw it away - and it would be cheaper than to buy the Lead battery for nothing, in fact the Lead battery would have to be put free & the RR Co presented with a check for $1139. to compete on even terms
1/2 cent a ton mile on passenger trains is probably correct, if its too high it can be cut way down & still we win out,

As Regard Axle, assuming Wts for Dynamo same for both, their wt for battery alone 2736 lbs -
ours 27 cells 729
or one ton in Excess 350 ton miles day at 1/2 c 1.75 day or $546. year to haul the Excess battery. our battery only costs with haulage all $742.00, at end year & 1/2 the saving in wt alone would pay for our battery if they got the Lead for nothing

[ITEM FOUND IN BOOK]

[ON BACK OF PRECEDING PAGE]



2)1150
575

575
325
900

6)420
70

6)300
50

400

70 amp

171
32
342
513
5472

32
13
96
32
416

16
13
48
16
208

16

32
300
9600

19
32
38
57
608

171
16
1026
171
2736

32

60
300
18000

18)416(23.1
36
56
54
20

8000
3536

27.50

120
500
60000

21

135
2
27.00

27
500
13500

[ITEM FOUND IN BOOK]

[ON BACK OF PRECEDING PAGE]

78 Lookup 2nd hand dealers — + from US Bus Directory get makers of Hydraulic presses

79 Take group that has gone off bad after new 7a connected & put B1 on the tubes —

80 [illegible]

81 [illegible]

82 Ask JWA if we can dip battery Can in Resin & dust over Hexa Methylene + make the very hard stuff —

83 [illegible]

84 [illegible]

85 ~~[illegible]~~

86 Write out descripn poured house scheme for leaflet.

87 Try Scrap Rubber with more S for Hard Rubber —

88 Try all melted Solvents on Rubber & scrap rubber

89 ~~[illegible]~~
How about Cutting down pay roll since summer is coming

90 Weekly Report (last) + report financial condition — also Expected remittance England + Australia

91 ~~[illegible]~~

92 Financial Report of S Battery — Ditto Lamson —